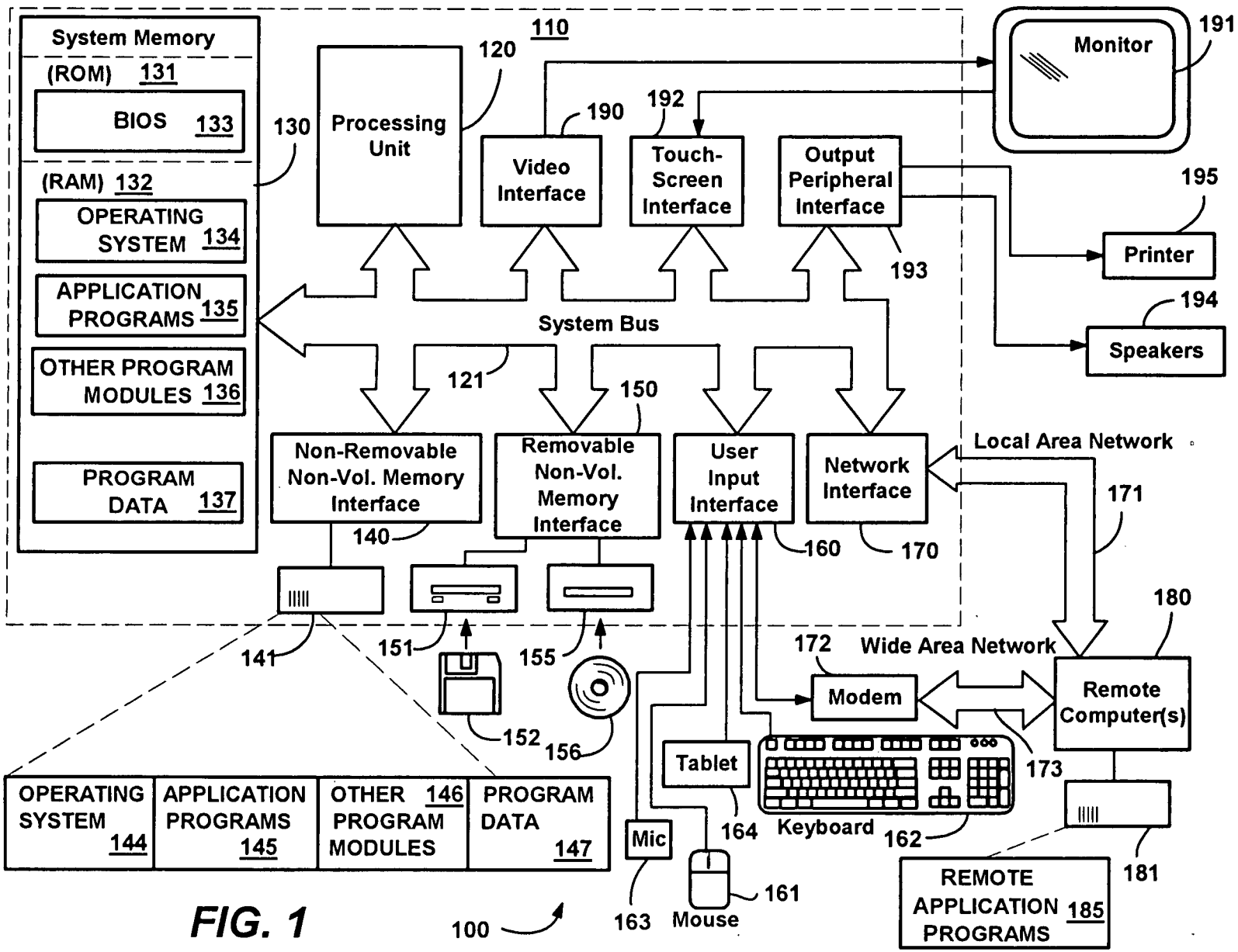

System Memory
(ROM) 131
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(RAM) 132
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Touch-Screen Interface
192
Output Peripheral Interface
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Monitor
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Printer
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System Bus
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Non-Removable Non-Vol. Memory Interface
140
Removable Non-Vol. Memory Interface
User Input Interface
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APPLICATION PROGRAMS 145
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PROGRAM DATA 147
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FIG. 1

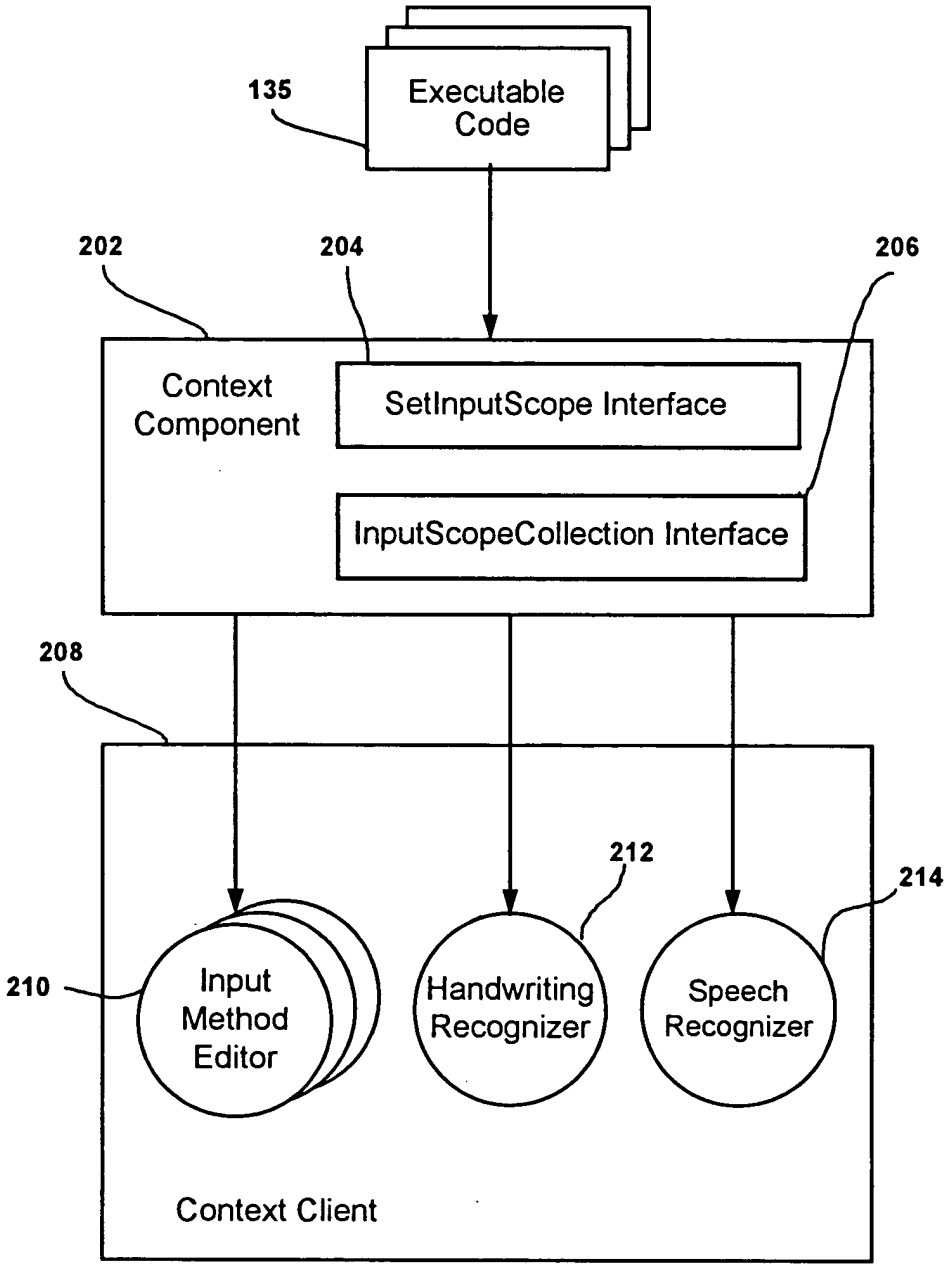

135
Executable Code
202
204
206
Context Component
SetInputScope Interface
InputScopeCollection Interface
208
212
214
210
Input Method Editor
Handwriting Recognizer
Speech Recognizer
Context Client

FIG. 2

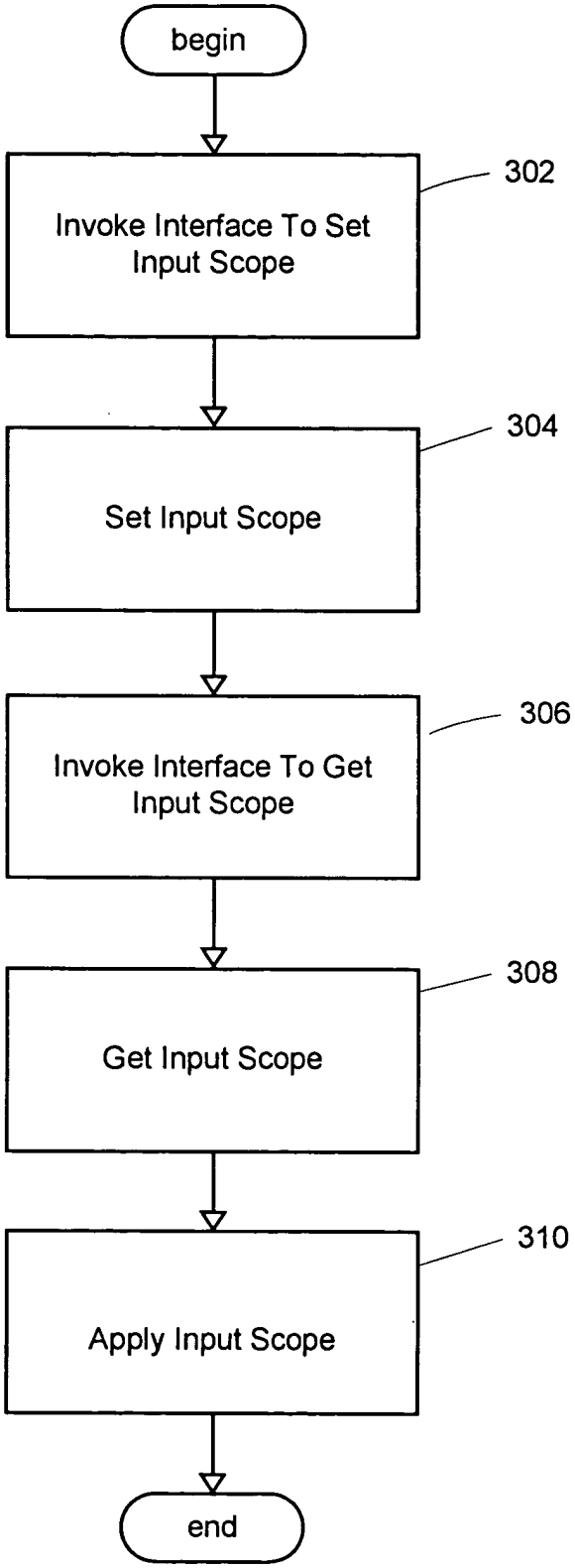

begin
Invoke Interface To Set Input Scope
302
Set Input Scope
304
Invoke Interface To Get Input Scope
306
Get Input Scope
308
Apply Input Scope
310
end

*FIG. 3*

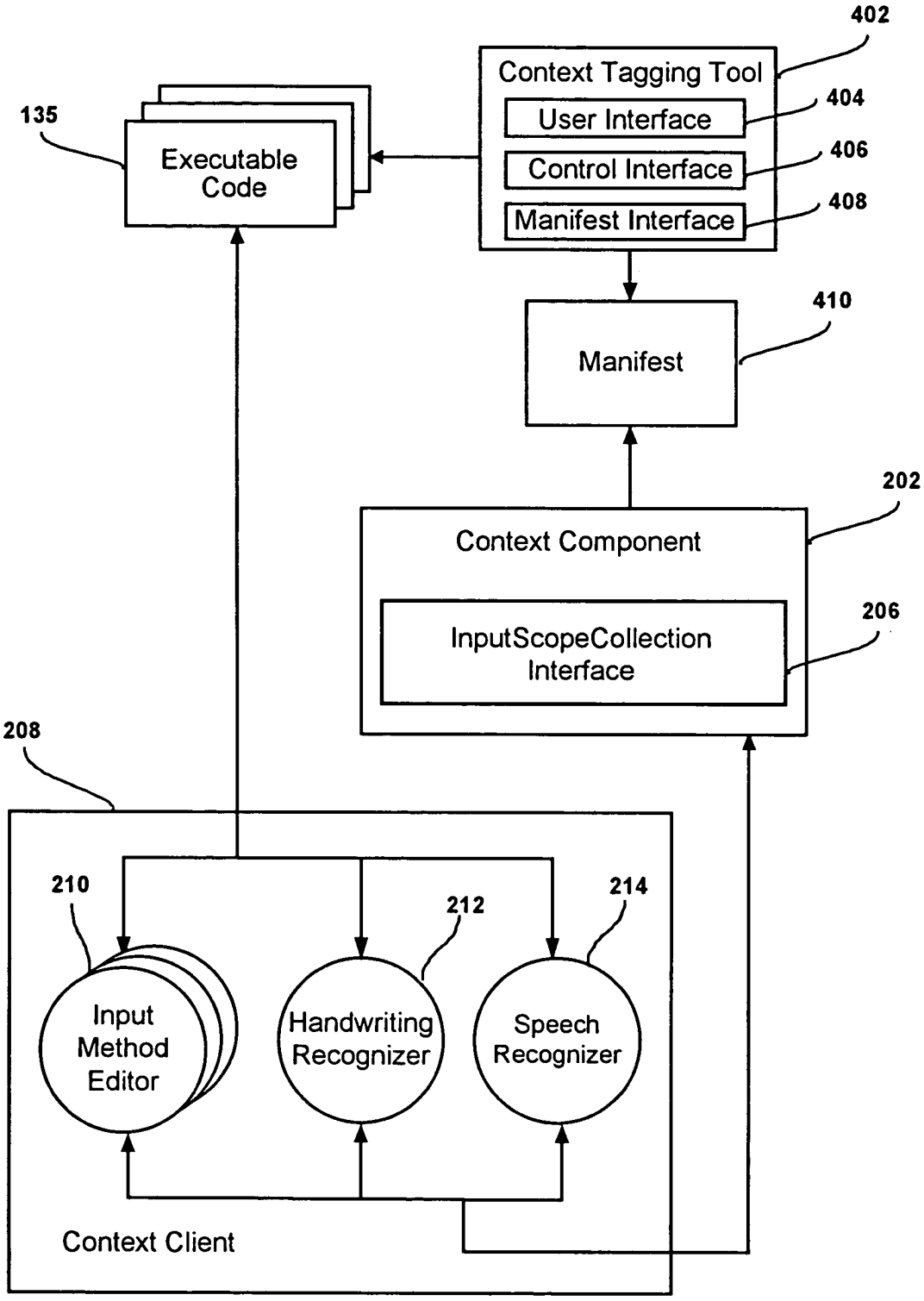

402
Context Tagging Tool
404
User Interface
406
Control Interface
408
Manifest Interface
135
Executable Code
410
Manifest
202
Context Component
206
InputScopeCollection Interface
208
210
212
214
Input Method Editor
Handwriting Recognizer
Speech Recognizer
Context Client

*FIG. 4*

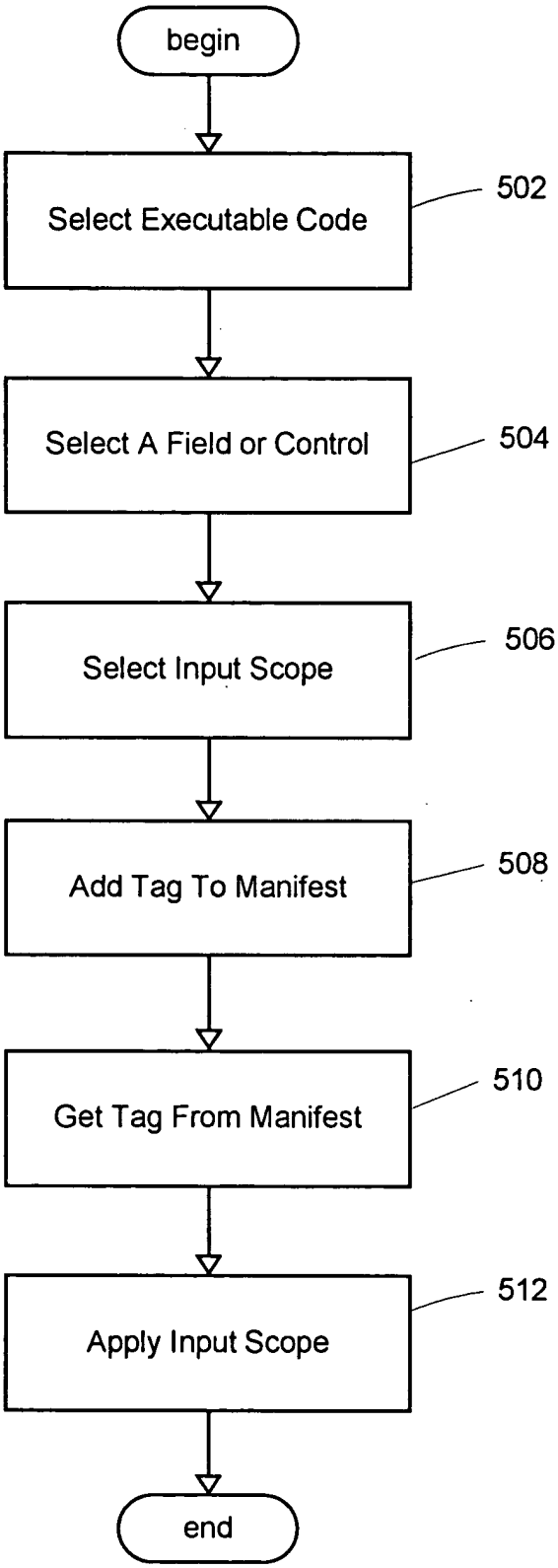

begin
Select Executable Code
502
Select A Field or Control
504
Select Input Scope
506
Add Tag To Manifest
508
Get Tag From Manifest
510
Apply Input Scope
512
end

*FIG. 5*

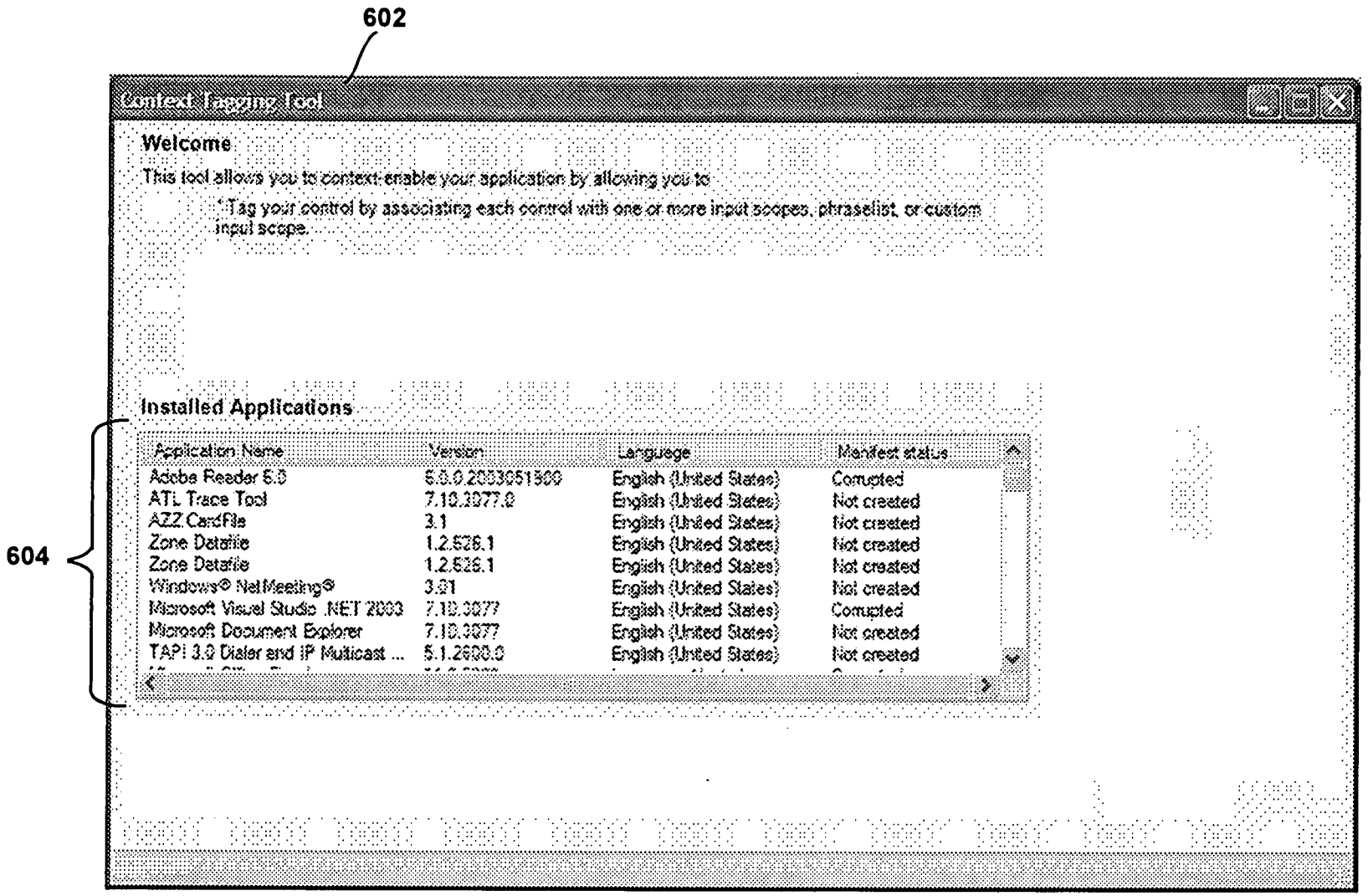

602
Context Tagging Tool
Welcome
This tool allows you to context enable your application by allowing you to
* Tag your control by associating each control with one or more input scopes, phraselist, or custom input scope.
Installed Applications
604
Application Name
Version
Language
Manifest status
Adobe Reader 5.0
5.0.0.2003051300
English (United States)
Corrupted
ATL Trace Tool
7.10.3077.0
English (United States)
Not created
AZZ CardFile
3.1
English (United States)
Not created
Zone Datafile
1.2.526.1
English (United States)
Not created
Zone Datafile
1.2.526.1
English (United States)
Not created
Windows® NetMeeting®
3.01
English (United States)
Not created
Microsoft Visual Studio .NET 2003
7.10.3077
English (United States)
Corrupted
Microsoft Document Explorer
7.10.3077
English (United States)
Not created
TAPI 3.0 Dialer and IP Multicast ...
5.1.2600.0
English (United States)
Not created

*FIG. 6*

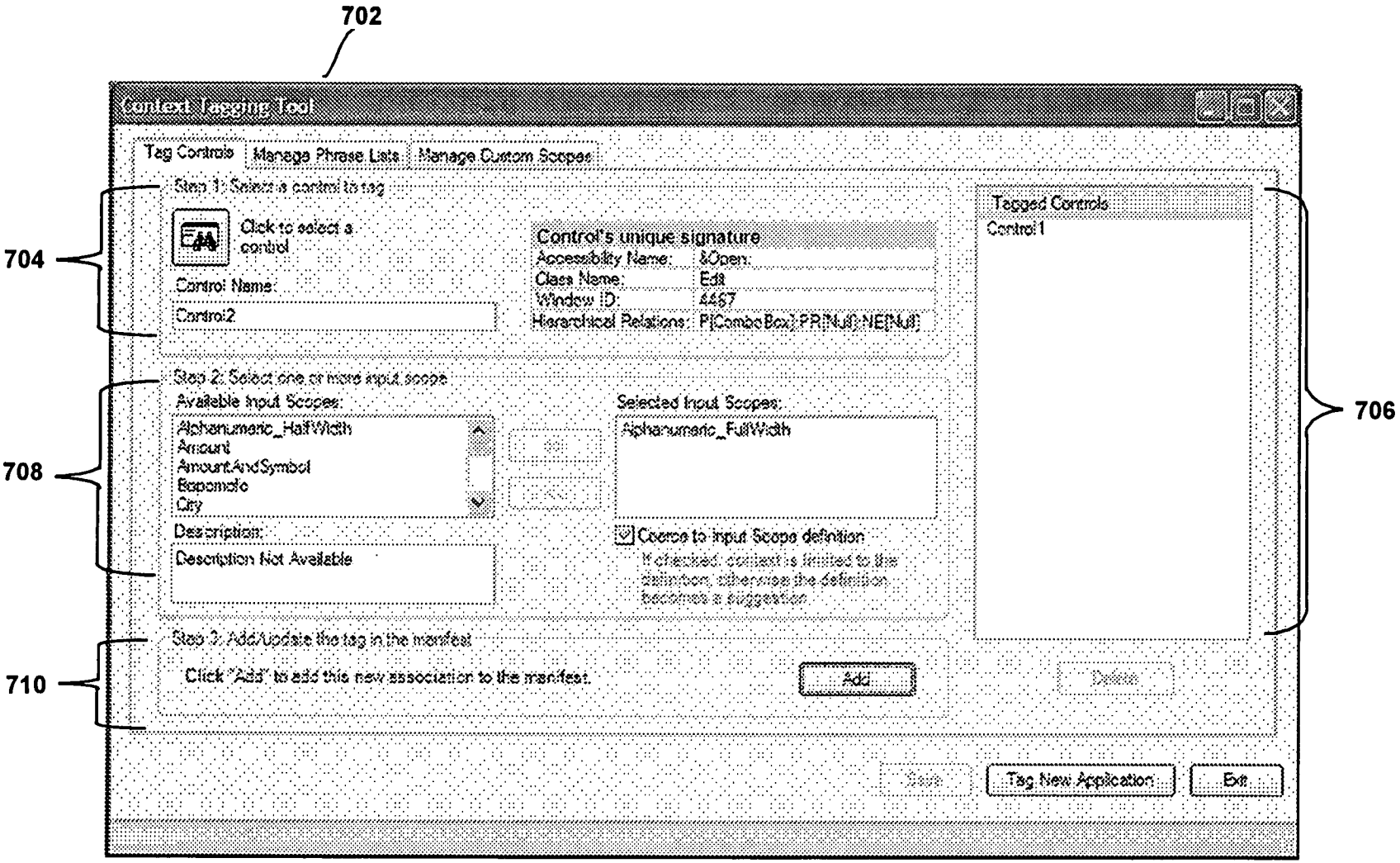

702
Context Tagging Tool
Tag Controls
Manage Phrase Lists
Manage Custom Scopes
Step 1: Select a control to tag
Click to select a control
Control Name:
Control2
Control's unique signature
Accessibility Name: &Open:
Class Name: Edit
Window ID: 4467
Hierarchical Relations: P[ComboBox] PR[Null] NE[Null]
Tagged Controls
Control1
704
Step 2: Select one or more input scope
Available Input Scopes:
Alphanumeric_HalfWidth
Amount
AmountAndSymbol
Bopomofo
City
Selected Input Scopes:
Alphanumeric_FullWidth
Description:
Description Not Available
Coerce to Input Scope definition
If checked, context is limited to the definition; otherwise the definition becomes a suggestion
708
706
Step 3: Add/Update the tag in the manifest
Click "Add" to add this new association to the manifest.
Add
Delete
710
Save
Tag New Application
Exit

*FIG. 7*

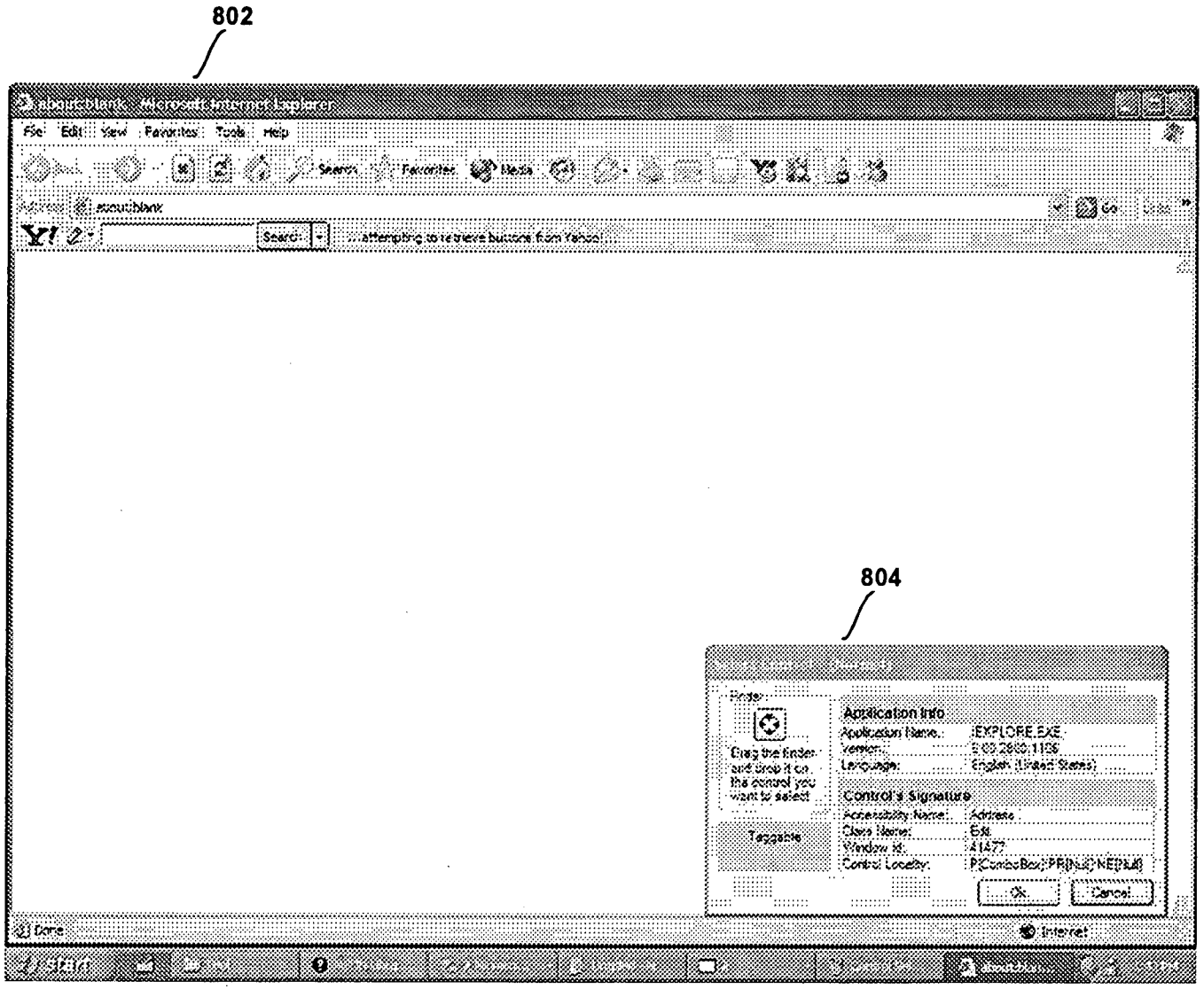



FIG. 8

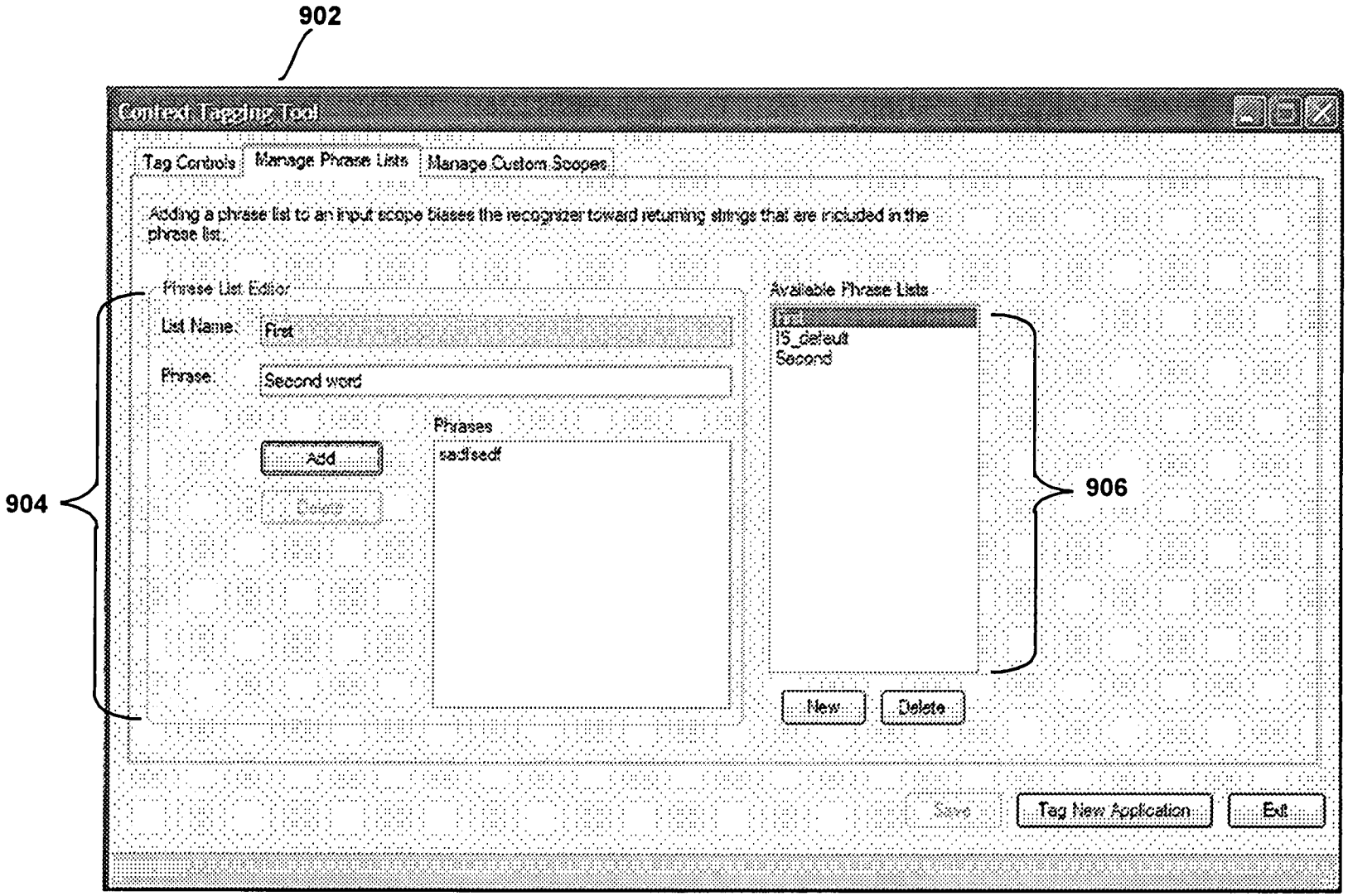

902
Context Tagging Tool
Tag Controls
Manage Phrase Lists
Manage Custom Scopes
Adding a phrase list to an input scope biases the recognizer toward returning strings that are included in the phrase list.
Phrase List Editor
List Name:
First
Phrase:
Second word
Add
Save
Phrases
sadfsedf
Available Phrase Lists
15_default
Second
New
Delete
904
906
Save
Tag New Application
Exit

*FIG. 9*

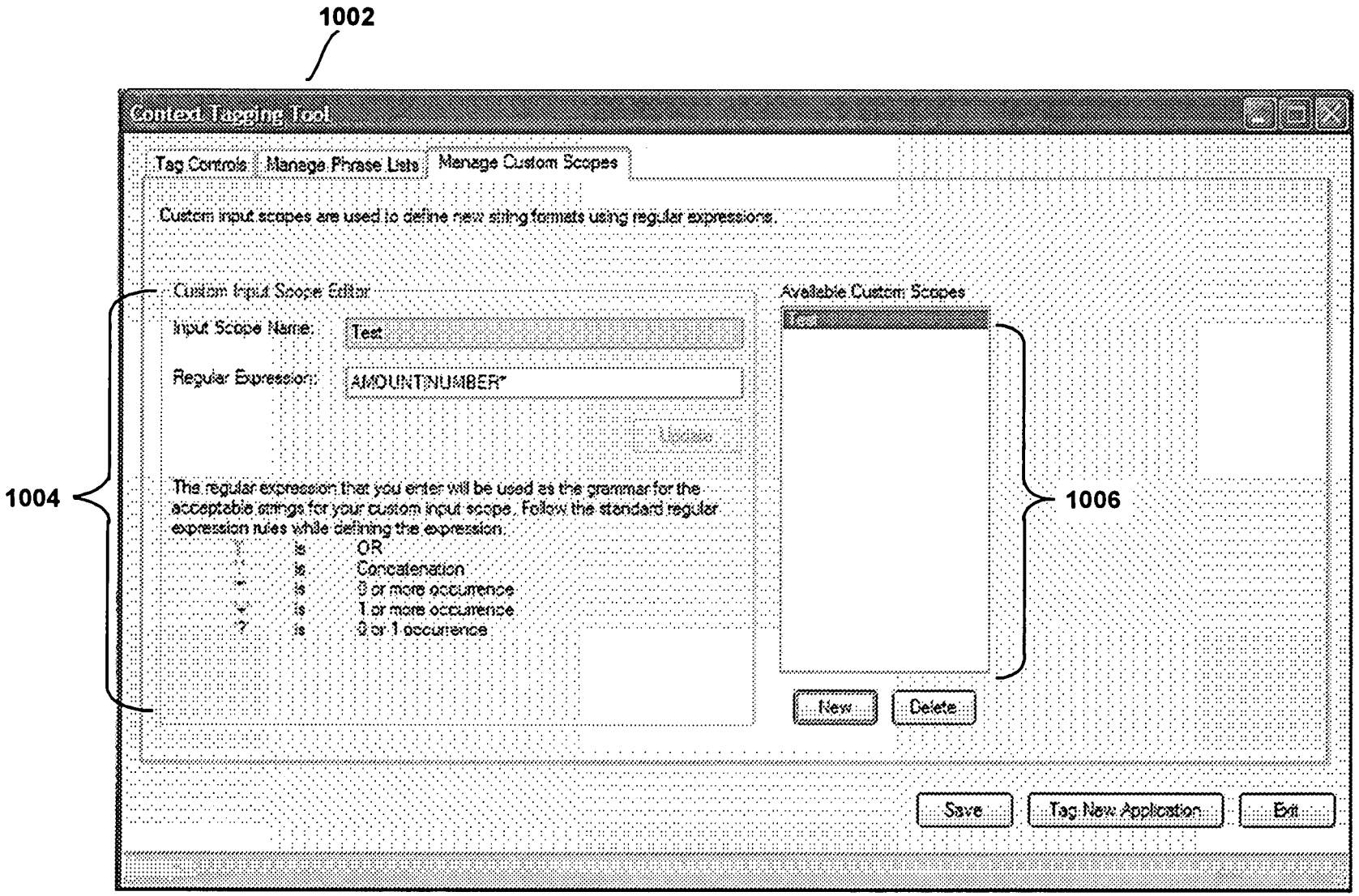

1002
Context Tagging Tool
Tag Controls
Manage Phrase Lists
Manage Custom Scopes
Custom input scopes are used to define new string formats using regular expressions.
Custom Input Scope Editor
Input Scope Name:
Test
Regular Expression:
AMOUNTNUMBER*
The regular expression that you enter will be used as the grammar for the acceptable strings for your custom input scope. Follow the standard regular expression rules while defining the expression.
| is OR
is Concatenation
* is 0 or more occurrence
+ is 1 or more occurrence
? is 0 or 1 occurrence
Available Custom Scopes
New
Delete
Save
Tag New Application
Exit
1004
1006

FIG. 10